

From owner-qrp-1@netcom.com Tue Feb 14 14:05:30 1995
Date: 14 Feb 95 08:53:07 EST
From: Craig LaBarge <74740.3166@compuserve.com>
Subject: 30 meters
Message-Id: <950214135306_74740.3166_EHB57-1@CompuServe.COM>

Geoff, WA1U, wrote:

> Been banging out some CQ's with my one watt 30/40 and was wondering how
> many of you actually get on 30? Do you congregate on 10.116 or just go
> anywhere? Before I was smitten by QRP, I used to stay exclusively at
> the low end. I'm sure there were many times when I didn't even get as
> high as 10.116... even with a dead band.

I find other QRPers all over the 30 meter band. But, I usually find more of them at the higher frequencies (10.110 - 10.125). Anyway, that's where I usually hang out.

While 30 meters is my favorite band, it has seen better days due to the declining sunspots. Some days, it seems to dry up at sundown. Late afternoon and very early evening seem to be about the best times.

One evening last week 30 seemed completely dead. I heard a faint "7" station calling CQ and wound up working Oregon (from southeastern PA with 5 watts into my rainspout). I couldn't hear anyone else on the band!

Keep calling...I'll be listening for you! :-)

73, Craig WB3GCK

From owner-qrp-1@netcom.com Tue Feb 14 23:57:20 1995
Date: Tue, 14 Feb 1995 10:28:44 -0330 (NST)
From: Bob Gobrick V01DRB/WA6ERB <bgobrick@terra.nl.net.nf.ca>
Subject: Re: 30 meters
Message-Id: <Pine.OSF.3.91.950214102332.8419E-1000000@terra.nl.net.nf.ca>

Geoff,

I like 30 meters and we need to try to get a little more activity going there. I have an MFJ9030 (5 watts of QRP+ power) and a 30-40 and my MFJ Super Hi-Q Loop and I am able to work quite a bit of DX with that combination.

OK - what we need is some FOX hunt activity on 30 for the group - I think this would be perfectly legal - it is not a contest - just an open net. the problem is that 30 has been going quiet in the evening - the typical fox hunt times, so what we need is maybe a weekend time or early evening

time. Anyway just some thoughts.

10.116 sounds fine and for me better than 10.106 which always seems to have interference near by. So hope to hear you there.

72 Bob V01DRB/WA6ERB

On Mon, 13 Feb 1995
FOXG@WCSub.CTStateU.EDU wrote:

> Been banging out some CQ's with my one watt 30/40 and was wondering how
> many of you actually get on 30? Do you congregate on 10.116 or just go
> anywhere? Before I was smitten by QRP, I used to stay exclusively at
> the low end. I'm sure there were many times when I didn't even get as
> high as 10.116... even with a dead band.
>
> Geoff WA1U (currently calling CQ to a dead band on 10.116)
>

Robert J Gobrick V01DRB/WA6ERB

Internet: bgobrick@terra.nlnet.nf.ca
rgobrick@public.compuserve.nf.ca

Compuserve: 70466.1405@compuserve.com

From owner-qrp-1@netcom.com Wed Feb 15 02:55:16 1995
Date: Tue, 14 Feb 1995 22:05:42 -0600 (MDT)
From: Steve Henry <steveh@linden.fortnet.org>
Subject: Re: 30 meters
Message-Id: <Pine.3.89.9502142248.A22939-01000000@linden.fortnet.org>

Geoff-

You asked if anyone gets on 30 meters for QRP. I get on occasionally on the weekends (since band conditions and employment conditions don't permit otherwise!). Generally try the lower end of the frequency range. Haven't been able to get more than about 1000 miles away from Fort Collins, Colorado yet. Perhaps on an unusual day we can QSO. Hang in there!

'72
Steve Henry AA0VB

From owner-qrp-1@netcom.com Tue Feb 14 13:03:57 1995
Date: Tue, 14 Feb 1995 10:22:02 -0330 (NST)
From: Bob Gobrick V01DRB/WA6ERB <bgobrick@terra.nl.net.nf.ca>
Subject: Re: 40-40 Problem--Help!
Message-Id: <Pine.OSF.3.91.950214100831.8419D-1000000@terra.nl.net.nf.ca>

Tim - before you go tearing into your 40-40 first get some help and get the unit tuned up into a good 50 ohm dummy load and some sort of wattmeter that doesn't disturb the circuit. Once you get everything tuned up for 1.5 watts then that's your starting point.

Now my big question to you is - What is your antenna? And are you using an antenna tuner? It sounds like you have lots of RF floating all over the place and the RF DOES effect this rig adversely. You need a good antenna (and it doesn't have to be a 3 element 40 meter beam) to get out.

OK how do I know - well last night I completed my 40-40 (had already built a 30-30). Mounted unit in a special Kodak Christmas 1994 Commemorative Tin box (I'll be showing my unit at Dayton) and tuned it all up using my general coverage, transmit enabled hf QRO rig, a Oak Hills Research wattmeter and a radio shack 5 watt dummy load. Everything right on the money.

This morning I hooked it up to my random 150 foot wire off my apartment balcony and worked Maryland from Newfoundland on 1.5 watts on 40. I use a counterpoise ground wire in apartment, an MFJ tuner and I still had some rf floating around (I suspect I have a ground loop problem in the earphone leads since I put extra grounds in (maybe need to fix that) because of the tin case. Anyway it does work and it is all in the antenna and my random wire is far from optimum.

Anyway good luck and have fun.

72 Bob V01DRB/WA6ERB

Robert J Gobrick V01DRB/WA6ERB

Internet: bgobrick@terra.nl.net.nf.ca
rgobrick@public.compuserve.nl.net.nf.ca

Compuserve: 70466.1405@compuserve.com

From owner-qrp-1@netcom.com Wed Feb 15 04:12:37 1995
Date: Tue, 14 Feb 1995 13:27:14 +0500
From: teda@meaddata.com (Ted Albert)
Message-Id: <9502141827.AA12339@rain.meaddata.com>
Subject: Re: 79'er night results

> From sflatt@japan.gislab.teale.ca.gov Tue Feb 14 13:14 EST 1995
> Date: Tue, 14 Feb 95 10:10:25 PST
> From: sflatt@japan.gislab.teale.ca.gov (Steve Flatt)
> To: teda@meaddata.com
> Subject: Re: 79'er night results
> Content-Type: text
> Content-Length: 572
> X-Lines: 10
> Status: R0
>
>
> Nope, I haven't built one yet! But I think I have all the parts for one. I
> picked up a couple of crystals at RS on sale quite a while ago. Time to use
> em. I'll probably do it ugly style - I'm not fond of using etching chemicals.
>
> Hope to hear you Wed nite - if I do it'll be the first time!
> -----
> Steve Flatt - KC6PLW Internet : sflatt@gislab.teale.ca.gov
> Sacramento CA U.S.A. Packet: kc6plw @ n0ary.#nocal.ca.usa.na
> -----
>

I hate those etchants too, and now that I have a little one running around, keeping everything child proof is getting harder. I have been thinking about the little dremel tool that Radio Shack and others are selling as a way of doing pad cuts on circuit boards. A number of designs can be done by simply using large pads or wider traces. The hacksaw blade number that I did for the board on my colorburst rig wasn't that great. I think the dremel tool with a router bit would have been faster and allowed more creativity. I have another rig planned for a few weeks from now to produce a 160 meter AM/CW xmitter for local ragchewing that will probably be a good test of the dremel tool technique. Should provide interesting material for an article in the QQ or Sprat.

Good luck Wednesday night. I am looking forward to my second run as the SSB Fox this week. Then on Thursday night I will hunt the CW fox and run in the Colorburst event with my homebrew transmitter. Man my week nights are getting busy these days on QRP! :-)

73 de Ted, KF8EE

From owner-qrp-l@netcom.com Tue Feb 14 16:52:44 1995
Date: Tue, 14 Feb 95 12:40:11 MST
From: miker@cc.com (Mike Robinson)
Subject: <didn't bother with a subject>
Message-Id: <9502141940.AA00232@cc.com >

Subject: QRP+ Group Purchase

Jim,

Your point is well taken and others have stated in agreement. I also agree that we as a fledgling group should not eat our own.

But let me argue (softly) with the following: When a business is guaranteed a large order it strengthens the base. The owner can make quantity buys which adds right back into the bottom line. Even when the profit margin is cut into, it is still nice to have a windfall.

It's my understanding that Index Labs offered the discount when asked the prices for a group buy. We didn't pressure the discount, they already had it in place. So Index Labs knows they will still make money.

When we all get our QRP+'s and grow to appreciate them more, word of mouth will cause even more sales for Index Labs.

I believe everyone will benefit from the group purchase.

=====
7.3 de Michael aa0ub | QRP: Am I getting out?
miker@cc.com | My neighbors have stopped complaining.
=====

From owner-qrp-l@netcom.com Tue Feb 14 10:07:37 1995
Message-Id: <199502141343.FAA14248@netcom.netcom.com>
Date: Tue, 14 Feb 95 08:33:07 EST
From: C=BAILEY%IS%211EIS@PAMDT.ANG.AF.MIL
Subject: re: ARCI-thoughts

Some more food for thought. Jim, W1FMR asked some questions along the same lines. I responded to him via written letter with some comments similiar to Jeff, AC4HF.

I was fortunate to have a couple QRP'ers who were tired of the same old ham clubs and who love to homebrew. We formed a local club. We hate administrative stuff. Most of us do that for a living and have enough of it. (One reason I don't go to local club meetings) I hate meetings.

My thoughts were along the thinking of a union for all regional/local clubs. ARCI is a natural since it has the most members and has been a pioneer of sorts.

I have made noise to ARCI people of this idea. No feedback.

How about the idea of chapters of ARCI. Small or large clubs could become a chapter of ARCI. Clubs could submit any info to QQ in colume form that would be of interest to the rest of the world. The structure of existing groups could remain the same. You could even keep your chapter membership numbers, newsletters, etc.

Members of the chapter would not be forced to apply for membership in ARCI, but encouraged. We do that now in our group. Like I wrote Jim, a lot of us are doing the same things and only our local groups benefit from it.

The synergetic power (QRP of course), could be awesome.

de cameron, kt3a

No Mike, I still don't want to be president.

From owner-qrp-l@netcom.com Tue Feb 14 17:34:12 1995

Date: Tue, 14 Feb 1995 09:32:56 -0600 (CST)

From: Jeff Gold <JMG@tntech.edu>

Subject: ARCI/Internet

Message-Id: <01HN19C72LC0CZ15HF@tntech.edu>

all,

well before I forget, I had posted about a board problem with my 30-40, before I could even get his email address Dave Benson had written to me offering to immediately replace the board. .now that is FANTASTIC service... really appreciate this.

this kinda links to my main point. It seems to me that the Internet is a powerful communication tool. I have heard expressed that one of the main problems with ARCI(what does this stand for?) is communications. Local groups like Norcal are successful first because of people like Doug and Wayne, and secondly because people get to do eyeball QSOs and check out each others projects and share information.

Well much of this goes on with this Internet group. We also have

international people on this list. I think there are many people on the list that are ARCI members, and maybe the rest would want to join if the ARCI was a more active organization.

My point being, maybe there could be a way to combine the two. We could keep in touch with Internet, plan contests and fox hunts, and do international projects planned and executed by this group.. imagine an ARCI building project.

I think some people have already expressed desire to be active in ARCI and make it all it could be, but are unable to attend Dayton or other things that would prevent them from being active in this organization. Maybe there is a viable solution to this problem. I know I am somewhat selfish, but we don't have any QRP clubs locally .. we have 3 ham clubs... 2 mainly run repeaters and the last is the university club, and almost all the ham/students are graduating and we are having recruitment problems.. so I am VERY interested in belonging to an active fun organization.

73,72 and still counting
Jeff, AC4HF

From owner-qrp-l@netcom.com Tue Feb 14 21:28:46 1995
From: RobCap@aol.com
Date: Tue, 14 Feb 1995 13:36:21 -0500
Message-Id: <950214133406_21304503@aol.com>
Subject: Argonaut II Discontinued

I happened to be on the phone to Ten Tec, and learned that the Argonaut II has been discontinued, and that Ten Tec is sold out of its inventory.

The company sited very low sales volume for very high end QRP equipment.

73,

Rob, WA3ULH

From owner-qrp-l@netcom.com Tue Feb 14 15:53:21 1995
From: jeffrey@math.hawaii.edu
Date: Tue, 14 Feb 95 09:37:28 HST
Message-Id: <9502141937.AA04143@cruncher.math.hawaii.edu>
Subject: Attn Mike Pulley

Mike: My mail to you bounces - the error msg reads:
``Host ccm.ch.intel.com not found for mailer ether - Host unknown''
Please email me again with another address.

<sorry gang for the b.w.>

Jeff NH6IL

From owner-qrp-1@netcom.com Tue Feb 14 02:41:23 1995
Date: Tue, 14 Feb 1995 15:34:29 +0000
From: david@rmit.edu.au (David Taylor)
Subject: Re: BNC plugs and sockets
Message-Id: <01HN1M0R919E8WW34Q@pitvax.xx.rmit.edu.au>

Gooday Gang from VK,

No-one has yet mentioned crimp BNC hardware as used for thin ethernet cabling. These go on the cable end in seconds and the crimp joints are very reliable. The plugs can be had here for under A\$2.

Of course, you need the proper tooling to fit them - a cable stripper and a crimp tool. That's where working at a Computer Centre helps!

Occasionally I pick up a scrap bit of thinnet cable which makes great patch leads.

When it comes to mounting coax sockets on panels I'd rather drill a 1/2in hole for a panel mount BNC than the larger or multiple holes required for UHF.

Good thread - at least when you homebrew you get to choose the RF connector you use.

72

David Taylor
Computer Centres
RMIT (Bundoora Campus)
Melbourne, Australia
Amateur Radio: VK3JKP
Internet: david@rmit.edu.au

From owner-qrp-1@netcom.com Tue Feb 14 13:06:29 1995
Message-Id: <199502141354.IAA20889@slc5.INS.CWRU.Edu>
From: Stephen Trier <sct@po.cwru.edu>
Date: 14 Feb 1995 13:54:01 GMT
Subject: Re: BNC plugs and sockets

I keep my eyes open at the hamfests for thinwire Ethernet cabling.

It is RG-58 with BNC connectors. Since the area "hamfests" are 75% computer shows, it's easy to find scrap Ethernet segments for very little. Look for brand-name cable and test for shorts and continuity before using. I may be having bad luck, but about one in four that I buy is shorted or open.

The stuff has a lot of faults, since it's RG-58, but it is cheap and convenient. For hooking up gadgets on the QRP workbench it's hard to beat. (Well, that is if you're into BNC's!) Keep your eyes open at the next hamfest and pick up a segment or two. The going price seems to be ~\$2 for 10 feet with connectors.

Stephen

--

Stephen Trier "If it sounds good, it is good."
sct@po.cwru.edu - Duke Ellington
KG8IH

From owner-qrp-l@netcom.com Tue Feb 14 12:45:21 1995
Date: Mon, 13 Feb 95 19:39 EST
From: Bob Smith <0005512847@mcimail.com>
Subject: Call sign servers
Message-Id: <25950214003952/0005512847NA2EM@MCIMAIL.COM>

Anyone know of any active and up to date call sign servers??

Thanks in advance.

From owner-qrp-l@netcom.com Tue Feb 14 15:45:45 1995
Date: Tue, 14 Feb 95 14:24 EST
From: Bob Smith <0005512847@mcimail.com>
Subject: Call sign servers
Message-Id: <72950214192427/0005512847NA4EM@MCIMAIL.COM>

Kevin L. Anderson...

>>>I'm not sure how up to date (sometime 1994), but try telnet
callsign.cs.buffalo.edu.2000

>>>I know it isn't totally up-to-date (couldn't find a recent KB0NNG
vintage call), but it has worked for me.

>>>(by the way, the 2000 is the port number you need to activate
automatically the callsign server; otherwise you get the login script,
which won't let you in).

Thanks Kevin, was looking for servers that could be accessed via e-mail.

From owner-qrp-l@netcom.com Wed Feb 15 02:19:24 1995
Subject: Call sign servers
From: jgrubs@voxbox.norden1.com (Jim Grubs, W8GRT)
Message-Id: <wFLJ1c2w165w@voxbox.norden1.com>
Date: Tue, 14 Feb 95 21:15:07 EST

-----BEGIN PGP SIGNED MESSAGE-----

Bob Smith <0005512847@mcimail.com> writes:

| Anyone know of any active and up to date call sign servers??
|
| Thanks in advance.
|

telnet callsign.cs.buffalo.edu 2000

-----BEGIN PGP SIGNATURE-----

Version: 2.6.2

Comment: jgrubs@voxbox.norden1.com

iQCVAwUBL0Fj9d74r4kaz3mVAQGxUAP8D9BRCZtB7rpvtPuxxbgBNLnL/1X8JnFb
6qiHPa9pvz9sQidwi0L94PvLX00NrWm+kbSoBi4uVNy4e/eRxZrKf5NzhTDWIKno
V8/3n4DSf2tYbaPgJjjjpDH1epzoXGQJmHHwuuKUTFBxFRJm81iQiXjoUb3ShtjM
yONMeh2BT/4=
=cIz7

-----END PGP SIGNATURE-----

From owner-qrp-l@netcom.com Tue Feb 14 22:20:27 1995
Message-Id: <n1419350258.43284@msmailgw1.arlut.utexas.edu>
Date: 14 Feb 1995 14:29:45 -0600
From: "rohre" <rohre@msmailgw1.arlut.utexas.edu>
Subject: Connectors for modules

Goran,
Here is Stuart K5KVH again. On your connectors, Ten Tec uses in the Scout
some of the Japanese coaxial power connectors for RF, and it works fine even
at 50 watts!

You could use them in the different sizes they come in and use different micro
and mini headphones plugs and sockets to have less expensive connectors.
Also, so the module would only plug in the one correct way.

Also, at low power, the various plastic connectors used in VCR's , CD equipment, etc. could be used for audio, power, RF, as the dimensions are nowhere near the wavelength, and the plastic is adequately low loss, especially at QRP. You could get these from junked radios, VCR's, CD equipment and high fi equipment at little to no cost from a repair shop, or junk. In VCR's I have even seen on board micro coax connections that could be reused. It it works for video frequencies, it will work at 80M and above!

Don't give up! Let us know what you find even at your overseas location!
73, Stuart rohre@arlut.utexas.edu

From owner-qrp-l@netcom.com Wed Feb 15 03:22:32 1995
Date: Tue, 14 Feb 95 15:44:32 ast
From: "Jim Larsen" <jlarsen@alascom.com>
Message-Id: <9501147928.AA792805967@mailrouter.alascom.com>
Subject: Conversion is a process

Mike converted me with this personal message. I asked him to post it. Others have added other synergistic style comments and great points have been made.

Guess who is buying a QRP+ via Jeff? :-)

73, all.

Jim
AL7FS

-----Forward Header-----
Author: (Mike Robinson)
Subject:
02-14-95 12:40 PM

Subject: QRP+ Group Purchase

Jim,

Your point is well taken and others have stated in agreement. I also agree that we as a fledgling group should not eat our own.

But let me argue (softly) with the following: When a business is guaranteed a large order it strengthens the base. The owner can make quantity buys which adds right back into the bottom line. Even when the profit margin is cut into, it is sill nice to have a windfall.

It's my understanding that Index Labs offered the discount when asked the prices for a group buy. We didn't pressure the discount, they already had it in place. So Index Labs

knows they will still make money.

When we all get our QRP+'s and grow to appreciate them more, word of mouth will cause even more sales for Index Labs.

I believe everyone will benefit from the group purchase.

```
=====
7.3 de Michael aa0ub | QRP: Am I getting out?
miker@cc.com        | My neighbors have stopped complaining.
=====
```

From owner-qrp-1@netcom.com Tue Feb 14 13:49:39 1995
Date: Tue, 14 Feb 95 06:02:49 PST
From: Spence S Wilhelm <Spence_S_Wilhelm@ccm.ch.intel.com>
Message-Id: <950214060249_1@ccm.fm.intel.com>
Subject: Re: Final QRP+ Info

Text item:

Jeff,

What is your snail mail address? Is the one in the callbook correct?

73,

Spence, KB7TCY

Text item: External Message Header

The following mail header is for administrative use
and may be ignored unless there are problems.

IF THERE ARE PROBLEMS SAVE THESE HEADERS.

Precedence: list
Sender: owner-qrp-1@netcom.com
Content-transfer-encoding: 7BIT
Content-type: TEXT/PLAIN; CHARSET=US-ASCII
MIME-version: 1.0
X-VMS-Cc: JMG
X-VMS-To: QRP
Message-id: <01HN00GPRTYACZ07LQ@tntech.edu>
To: qrp-1@netcom.com
Subject: Final QRP+ Info

>From: Jeff Gold <JMG@tntech.edu>
Date: Mon, 13 Feb 1995 12:06:59 -0600 (CST)
Received: from tntech.edu by tntech.edu (PMDF V4.3-10 #7186)
id <01HN00GPN0CGCZ07LQ@tntech.edu>; Mon, 13 Feb 1995 12:06:59 -0600 (CST)
Received: from tntech.edu by mail2.netcom.com (8.6.9/Netcom)
id KAA10937; Mon, 13 Feb 1995 10:25:18 -0800
Received: by mail2.netcom.com (8.6.9/Netcom)
id KAA10989; Mon, 13 Feb 1995 10:25:36 -0800
Received: from mail2.netcom.com by ormail.intel.com with smtp
(Smail3.1.28.1 #7) id m0reCrQ-000Uj3C; Mon, 13 Feb 95 18:19 PST
Received: from ormail.intel.com by relay.jf.intel.com with smtp
(Smail3.1.28.1 #2) id m0reCrU-000twcC; Mon, 13 Feb 95 18:19 PST

From owner-qrp-1@netcom.com Tue Feb 14 22:59:42 1995
Date: Tue, 14 Feb 95 06:33:37 PST
From: Mark E Gustoff <Mark_E_Gustoff@ccm.ch.intel.com>
Message-Id: <950214063337_1@ccm.hf.intel.com>
Subject: Re: Final QRP+ Info

Text item:

Jeff:

Would you post your snail mail address, or a phone number,
and I will call.

I won't post my VISA info on the network.

THanks,
Mark de W07T/QRP

----- Reply Separator -----
Subject: Final QRP+ Info
Author: owner-qrp-1@netcom.com at SMTPGATE
Date: 2/13/95 6:19 PM

OK,

I just got off the phone with Bruce at Index Labs.. here is the
deal (and he is happy with it, and I am. .so this is it)

If we get 10 or more (currently have over that amount that have
said definities) the cost is:

rig \$510
mike \$ 28
US ship \$ 10

*** if 20 or more order the price will be \$530 for unit with
mike +shipping (so \$540 with mike shipped US.. I am happy with
this)

* foreign shipping is ok, except to France, the shipping cost on
foreign is \$40-60 and local shippers are in charge of collecting
taxes and duties. The foreign ship is UPS-Expedited service and
is very quick (I thought he said 4-6 days).

The Details:

They take Master Card or Visa, the only way that we can do the
group discount is for me to take all the info and get it to him at
once (not what I wanted.. but I got myself into this). I guess I
will be taking orders till Friday.. not sure about emailing charge
info.. so up to you, you may want to use snail mail.

-You will need to send a check or complete charge info (name of
card, number, exp. date)

-you will need to send me your complete ship to address with a
daytime phone number

sure hope I didn't forget anything.

73

Jeff, AC4HF

Text item: External Message Header

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and may be ignored unless there are problems.

IF THERE ARE PROBLEMS SAVE THESE HEADERS.

Precedence: list
Sender: owner-qrp-1@netcom.com
Content-transfer-encoding: 7BIT
Content-type: TEXT/PLAIN; CHARSET=US-ASCII
MIME-version: 1.0

X-VMS-Cc: JMG
X-VMS-To: QRP
Message-id: <01HN00GPRTYACZ07LQ@tntech.edu>
To: qrp-1@netcom.com
Subject: Final QRP+ Info
>From: Jeff Gold <JMG@tntech.edu>
Date: Mon, 13 Feb 1995 12:06:59 -0600 (CST)
Received: from tntech.edu by tntech.edu (PMDF V4.3-10 #7186)
id <01HN00GPN0CGCZ07LQ@tntech.edu>; Mon, 13 Feb 1995 12:06:59 -0600 (CST)
Received: from tntech.edu by mail2.netcom.com (8.6.9/Netcom)
id KAA10937; Mon, 13 Feb 1995 10:25:18 -0800
Received: by mail2.netcom.com (8.6.9/Netcom)
id KAA10989; Mon, 13 Feb 1995 10:25:36 -0800
Received: from mail2.netcom.com by ormail.intel.com with smtp
(Smail3.1.28.1 #7) id m0reCrQ-000Uj3C; Mon, 13 Feb 95 18:19 PST
Received: from ormail.intel.com by relay.jf.intel.com with smtp
(Smail3.1.28.1 #2) id m0reCrU-000twcC; Mon, 13 Feb 95 18:19 PST

From owner-qrp-1@netcom.com Wed Feb 15 01:27:48 1995
From: Rick=Covert%TS=SysCall%CS=Hou@bangate.compaq.com
Message-Id: <m0reUzV-000ugVC@twisto.eng.hou.compaq.com>
Date: Tue, 14 Feb 95 15:40:30 CST
Subject: Fwd:mail failed, returning to sender

Comments by: Rick Covert@TS SysCall@CS Hou
Originally To: Rick=Covert%TS=SysCall%CS=Hou@bangate.compaq.com
Original Date: Tuesday, February 14, 1995 at 3:39:47 pm CST
Originally From: <MAILER-DAEMON@wotan.compaq.com>
Comments:

-----[Original Message]-----

|----- Message log follows: -----|
| no valid recipients were found for this message
|----- Failed addresses follow: -----|
| <qrp-1@tntech.com> ... unknown host
|----- Message text follows: -----|
Received: from twisto.eng.hou.compaq.com by wotan.compaq.com with smtp
(Smail3.1.28.1 #12) id m0reUfS-000vJ8C; Tue, 14 Feb 95 15:20 CST
Received: from bangate.compaq.com by twisto.eng.hou.compaq.com with smtp
(Smail3.1.28.1 #10) id m0reUWc-000ugOC; Tue, 14 Feb 95 15:11 CST
Message-Id: <m0reUWc-000ugOC@twisto.eng.hou.compaq.com>
Received: by bangate.compaq.com with VINES ; Tue, 14 Feb 95 15:11:12 CST
Date: Tue, 14 Feb 95 14:59:11 CST
>From: Rick=Covert%TS=SysCall%CS=Hou@bangate.compaq.com
Subject: re: Call sign servers
To: qrp-1@tntech.com

Cc:
Bcc:

Bob,

You can try telneting to callsign.cs.buffalo.edu 2000 for the Ham Radio callsign server or if you have the World Wide Web try <http://promet12.cineca.it/htlzh/qs1.html>. Because the server runs off of port 2000 don't forget to add a space and then the number 2000 after the telnet address. Hope this helps.

72s,

Rick, WD5L

Bob Smith <0005512847@mcimail.com> Wrote:

|
|
| Anyone know of any active and up to date call sign servers??
|
| Thanks in advance.
|

From owner-qrp-1@netcom.com Tue Feb 14 12:42:49 1995
Date: Mon, 13 Feb 1995 10:24:25 -0800
From: Joe Gervais <jgervais@weber.ucsd.edu>
Message-Id: <199502131824.KAA23812@weber.ucsd.edu>
Subject: Gutter-to-Gutter QSO's

Craig, WB3GCK wrote:

> P.S. Speaking of rainspouts, I had my first gutter-to-gutter QSO
> last week on 30 meters with N4EJK in Georgia. He was running 60
> watts into his gutter (wow!). Still looking for that first 2-way
> QRP gutter-to-gutter QSO...

Now *that* is a certificate I'd like to see - 2xQRP/Gutter.
I can just see the QRO paper-chasers going nuts when they
see it hanging in the shack. :)

On a more business-sided note, I'll be in Nevada for the
three day weekend (Feb. 18-20). Does anyone need Nevada
for 2xQRP WAS? I'll probably only be able to operate on
Sunday morning (that's my birthday and I talked my wife

into giving me 5 hours of operating time as my present -
not a small gesture on her part if you know our two little
boys... :)

My only rig is an MFJ-9020, and I'll be portable (driving
up a ridge and using battery power).

So, weather permitting, 20m on Sunday morning. I think
that's also the Colorado QRP contest... Could be fun!

7.3 de KD6PRD,

-Joe
joe@expersoft.com

From owner-qrp-l@netcom.com Tue Feb 14 20:45:56 1995
Date: Tue, 14 Feb 1995 16:17:26 -0800
From: faunt@netcom.com (Doug Faunt N6TQS 510-655-8604)
Message-Id: <199502150017.QAA09637@netcom6.netcom.com>
Subject: Is someone here looking for a MFJ CWF-2?

I know someone was looking for one someplace, and it might have been
here.

I have one. Let me know if you want it.

73, doug

From owner-qrp-l@netcom.com Wed Feb 15 01:48:48 1995
Message-Id: <199502142129.AA11575@zia.aoc.nrao.edu>
Date: Tue, 14 Feb 1995 14:29:51 -0700
From: Paul Harden <pharden@aoc.nrao.edu>
Subject: Re: MFJ Lab Power Measurements

Spent quite a bit of time this weekend going through the MFJ 9030 & 9040
with the spectrum analyzer, etc. to spec it out. Will be posting the
numbers in the next day or two.

But for POWER, I measured the following in determining the transmitter
efficiency based on RF out and battery current (dc input power).

DC INPUT CURRENT	INPUT POWER	RF OUT	EFFICIENCY	
.4 Amps	5.4 Watts	.8 W	15%	
.42 A	5.6 W	1.0 W	18%	Vin=13.4v from MFJ AC charger adapter
.58 A	7.8 W	2.0 W	26%	
.68 A	9.1 W	3.0 W	33%	
.85 A	11.4 W	4.0 W	35%	
.95 A	12.7 W	4.5 W	35%	
1.10 A	14.7 W	5.0 W	34%	
1.20 A	16.1 W	5.4 W	34%	

5W output quite clean (2nd harmonic was -48db 9030 and -34db 9040), but at 5.4W and above, ooooh, it got ugly lookin'!

Battery current measured at input of rig (i.e., includes RX drain and the CW filter, no keyer) so does not reflect true XMTR efficiency. Our Bird wattmeter not available at the moment, so output power based on comparing readings into dummy load on a HP 435A power meter and attenuator pads and also on a Tektronix 7L13 spectrum analyzer (+36dBm with attenuators). I will be repeating the test when our Bird meter gets back from one of our remote antenna sites. We have a 5 and 7.5W plugin on the Birds.

Output power on above may be in some error due to uncertainty of actual attenuation offered by the pads used, but should be within 10%, if not better. Will repost above with corrections after using the Bird wattmeter.

Readings were within a few milliamps between the 9030 and 9040, although I could never get the 9030 much above 3W. Fixed the biasing on Q8 and I now get a touch over 4.5W. I found the output power on the MFJ power/SWR antenna tuner thingie (OK ... I forgot the model number, sorry) to be about 0.5W HIGH on the 6W scale. Adjusted the internal trimmer (one closest to the meter and nearest the left hand side) to bring it into above scaling. While had the antenna tuner torn open, I applied some rub off letters to show 1-2-3-4-5-6 (dreamer) watts instead of that stupid conversion algorithm you have to go through.

Anyway, hope the above numbers help. While standard disclaimers apply, like I may not have the foggiest idea what I'm doing, proceed at your own risk. (Or better ... how'd I know this test equipment was waiting for repair?) Simply using the 35% efficiency factor above 3W or so of input power vs. output power should give you a quick indicator if your power meter is in the ball park or out on strike. (Gee, was that a pun?)

72/73 de Paul NA5N

Anyone have similar or indifferent power measurements?

----NATIONAL RADIO ASTRONOMY OBSERVATORY ----- Socorro, New Mexico -----
| VLA - Very Large Array Observatory - Worlds largest radio telescope |
|VLBA - Very Long Baseline Array - even larger |
----- (pharden@zia.aoc.nrao.edu) --- (73 de NA5N) -----

From owner-qrp-1@netcom.com Tue Feb 14 03:02:33 1995
Date: Mon, 13 Feb 1995 23:38:04 -0500 (EST)
From: Sherwood Probeck <sprobeck@netaxs.com>
Subject: Need address info...
Message-Id: <Pine.SUN.3.91.950213232615.8795A-100000@unix1.netaxs.com>

Hello all!

I'm sure someone out there has posted this before, but I missed it, could someone tell me what Index Labs address is? I would like to get more info on the QRP+ although my funds are kinda tight at the moment (wife here keeps dipping into my radio fund :'() I would like to get some info on this rig so hopefully in the near future I can pick one up. At present I'm using my old Ten Tec Century/21 and my antenna is the rain gutter :) This setup has worked pretty well for me although I would have liked a better antenna system here, hard to do when you live in a townhome though. Thanks in advance!

72/73 de KE3MI

=====

Sherwood R. Probeck, KE3MI	"What hath God wrought." Samuel Morse, 1844
Remsen Computer Services	
Sales, Service, Disaster Recovery	Office: 610-594-1827
and Preventive Maintenance	Fax: 610-594-8594

=====

From owner-qrp-1@netcom.com Tue Feb 14 21:30:55 1995
Date: Tue, 14 Feb 1995 09:02:50 -0600 (CST)
From: Jeff Gold <JMG@tntech.edu>
Subject: order form qrp+
Message-Id: <01HN18CP00DKCZ13I9@tntech.edu>

Here is the form:

!!!please don't fill in Charge info if you feel uncomfortable with it, you can call this in and I will have the forms printed out. Please cut out all headers and this part of the message!!!!

Sure hope I got this right?????

=====

QRP Plus, Index Lab Order Information:

Name:
Ship address:

Daytime Phone:

Method of payment: check_____

charge:*can be called in

Card name:
Card Number:
Expiration date:

Charge card address, if different than
ship to:

EMAIL address:

From owner-qrp-1@netcom.com Tue Feb 14 23:07:13 1995
From: "Tim Stabler" <TSTABLER@iunhaw1.iun.indiana.edu>
Date: Tue, 14 Feb 1995 15:46:24 CST
Subject: parts
Message-Id: <20F1835C1C@iunhaw1.iun.indiana.edu>

Thanks to everyone that reponded about parts. When I checked, I had all catalogs mentioned so I guess I have everything. Also got some side comments about MXM and Bruce, which I was glad to get.

I do have other questions. How would you mount a board on its side or end in a cabinet? Someone suggested (I left the message home) that I look at the small case by Radio Shack. I already had one I was going to use for the 40-40 (if I ever build it) so I could also include a gel cell. Maybe I could use it for the MXM plus a gel cell. But I also have a smaller case I was going to use for the MXM and thought I could also include a gel cell if I mounted the boards vertically.

I have a couple ideas but wanted to see what others thought.

Also, if I got a gel cell, could it be the 1.2 amp HR?? Is that enough for the MXM RX and TX to operate for a couple hours without a charger along??

What is the latest on gel chargers? The handbook design has changed.

Ano0ther idea is to take the power cell along (or whatever it is called). It is advertised in 73. I got one a year ago to take my

cell car phone wherever I wanted to take it. The only thing I have not used it for is to start my car. And for those who don't know, it can be used for this.

Thanks for the comments

72 & 73 de Tim WB9NLZ

From owner-qrp-1@netcom.com Tue Feb 14 12:42:10 1995
Date: 10 Feb 95 17:58:44 EST
From: Craig LaBarge <74740.3166@compuserve.com>
Subject: Re: Power Measurements
Message-Id: <950210225843_74740.3166_EHB225-3@CompuServe.COM>

Ron, KU7Y, wrote:

> Here at work on the \$10,000 service monitor, it only shows
> 3w.

Sometimes I miss the days when I worked in the EMI test business. I used to have all sorts of expensive RF test equipment at my disposal. I could have tackled this one during my lunch break.

> When I use the MFJ meter, there is some swr. The higher the swr,
> the higher the total power reading. I am wondering if the reflected
> power is adding to the forward power to give a false high reading?

In my case, the SWR is completely flat (1:1), so I don't think that's the problem for me.

> Hummmmm, think I'll bring the MFJ into work and put it in line with
> the monitor and see how close it is then. In fact I'll bring the
> whole radio in and measure the rf voltage also.

I'd be interested in seeing your results.

73, Craig WB3GCK/QRP (well...maybe...depends on how I measure it!) :-)

From owner-qrp-1@netcom.com Tue Feb 14 14:29:49 1995
Date: Tue, 14 Feb 1995 12:54:50 -0500 (EST)
From: Steve Slavsky <sslavsky@CapAccess.org>
Subject: Re: QRP Plus
Message-Id: <Pine.3.07.9502141241.A7093-b1000000@cap1.capaccess.org>

On Mon, 13 Feb 1995, Jim Larsen wrote:

> Let's see. 17 to 20 people interested.....times a 90 dollar reduction. The

> manufacturer has to give up \$1800....each ham saves \$90. (Kind of a piddling
> amount...that \$90)
>
> Hmmm....Maybe we should all vote to Pay \$510 but every one give the
> manufacturer a \$90 bonus for such a fine rig and to encourage him to do more.
> \$1800 would pay for a lot of experimenting with new product if we let it happen.

Interesting thread here. Seems to be a whole group of folks just dying to go out and pay full list price for things. If you feel so strongly about it, please feel free to donate extra money to make up the difference. Your \$90 "piddle" may actually mean something to others. I doubt manufacturers need your protection from us "cheap" hams here - somehow, I don't think they are going to take a \$50 (or any other \$ amount) loss on each product and make it up on volume. Small or large, they are sellers and we are buyers - if one goes out of business and the demand is there, someone else will make the product - economics 101. I miss Heathkit also, but time marches on and guess what - we survived even if they didn't. I appreciate the fact that there are a limited number of firms out there making QRP rigs, but I don't think its our role to subsidize them - buy from them when we need equipment - but, if they offer a discount, it means they can still make a profit - called the American way of business. Always makes me wonder if they are charging too much to begin with (not necessarily Index, but in general).

Heck, this is an even better deal than the government buying B-2 bombers - \$1 billion each or 25 for \$30 billion. How can you beat that.

Steve Slavsky, N4EUK, Reston, VA

From owner-qrp-l@netcom.com Tue Feb 14 21:41:10 1995
Message-Id: <199502142005.PAA07146@quackerjack.cc.vt.edu>
Date: Tue, 14 Feb 1995 15:01:24 -0500
From: pelt@vt.edu (Randy Pelt)
Subject: QRP+

I've been watching all this talk of group purchases for the QRP+. Personally, if I'm going to spend \$500+ on a commercial rig, I can think of several others I would prefer to have. But, I had rather BUILD than buy

commercial. I was wondering if anyone had thought of inquiring as to the cost of purchasing this rig from QRP+ as a kit. I bet this would sure cut down the large turn around time I've been reading about. Maybe I'm out of my mind, but I'd rather build it as a kit than purchase it commercial. :>)

Ranson J. Pelt CPA,CBA
Internal Audit Manager
Virginia Tech 0328
Blacksburg, VA 24061
(703) 231-9475 FAX (703) 231-4681

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QST de nz4i ex w4wyt Semper Fi

From owner-qrp-1@netcom.com Tue Feb 14 14:46:51 1995
Date: Tue, 14 Feb 95 10:34:19 EST
From: Mark Widrick ASQB-SED-TR x5472 <WIDRICKM@ritchie-emh1.army.mil>
Subject: QRP+ Information
Message-Id: <9502141043.aa10013@wharf.arl.mil>

Like several others, I'd like some information on the QRP+ that there's been so much traffic on.

I'm not a QRPer yet. I just got back on HF about 2 weeks ago after a couple of years absence (my dad confiscated my TS440 when he got his general licence - HI). It sounds like QRP would be fun - once I learned the code again!!

I appreciate what I've read on the list so far. Thanks to whoever maintains it.

Thanx in advance for the replies.

Mark Widrick, KB2IVB
email: widrickm@ritchie-emh1.army.mil

From owner-qrp-1@netcom.com Tue Feb 14 22:42:06 1995
Date: Tue, 14 Feb 95 12:39:07 EST
From: Mark Widrick ASQB-SED-TR x5472 <WIDRICKM@ritchie-emh1.army.mil>
Subject: QRP+ Information
Message-Id: <9502141250.aa12616@wharf.arl.mil>

Like several others, I'd like some information on the QRP+ that

there's been so much traffic on.

I'm not a QRPer yet. I just got back on HF about 2 weeks ago after a couple of years absence (my dad confiscated my TS440 when he got his general licence - HI). It sounds like QRP would be fun - once I learned the code again!!

I appreciate what I've read on the list so far. Thanks to whoever maintains it.

Thanx in advance for the replies.

Mark Widrick, KB2IVB
email: widrickm@ritchie-emh1.army.mil

From owner-qrp-l@netcom.com Tue Feb 14 13:52:15 1995
Date: Tue, 14 Feb 1995 08:57:12 -0600 (CST)
From: Jeff Gold <JMG@tntech.edu>
Subject: QRP+.. finishing details
Message-Id: <01HN185025LUCZ13I9@tntech.edu>

All,

It looks like as of this morning we have 14 people who have told me they are ready to order. Some said they would send the check or charge directly to Index.. well the reason that we are getting the discount is because of all the stuff going in together. .so if one of you who said this would call Index and get an ok on this.. it will be fine with me... I am spending way too much time on this already.

My next Email will be a form to fill out so that I can get Index the info they need in standard form. Think if they don't agree to let people call or send individually (which I tried to get them to do. .I don't want to deal with it, but Bruce sounded pretty insistent on it), that I will post my home address and phone #. You can call at posted times.. please don't call later.. I have to get up at 5:30am and work many times till after 9pm and really object to phone calls on late nights.

Jeff M. Gold, AC4HF
1751 Dry Creek Rd.
Cookeville, TN 38501
Home (615)526-8589
Mondays no calls
Tuesday 7:15-9:00
Wed 6:00-9:00
thur 7:15-9:00

fri 6:30-9:00

sat and sunday.. if WX is bad, home a lot of the time.

I can't say what the final price is till maybe Thursday .. need to see if we have the 20.

73

Jeff, AC4HF

From owner-qrp-1@netcom.com Wed Feb 15 00:00:02 1995
Date: Tue, 14 Feb 1995 17:19:28 -0700
Message-Id: <199502150019.RAA22553@mailhost.primenet.com>
From: aa7qy@PrimeNet.Com (Roger Hightower)
Subject: QRP+...Let's not screw it up

C'mon guys...Jeff has done us all a service by taking this group purchase on and negotiating a discount. I can understand that Index would only want to deal with one person, to conserve the integrity of the group.

If someone wants to send everything right to Index, fine...just pay the full price for it. Bickering only tends to slow things down.

Make out your check to Index, send it to Jeff, and he can send the whole package of checks, forms, cc info, etc at one time and they can get on with production and shipping.

I used to own a retail hobby shop, and was happy to deal with club purchases with the proviso that there be ONE point of contact...easier for all. The group buy was advantageous because I got a better discount for quantity purchases and could pass it on...no way could that happen if members tried to deal for themselves...I had to pay for it and stock it "on spec", and that ain't no fun.

When Jeff sends out the form, just do it, and we'll all be happier.

73

Roger, AA7QY
aa7qy@primenet.com rhigh@aztec.asu.edu Ham Radio: AA7QY@KC7Y.AZ.USA.NA

From owner-qrp-1@netcom.com Tue Feb 14 12:56:43 1995
Date: Mon, 13 Feb 95 19:40 EST
From: Bob Smith <0005512847@mcimail.com>
Subject: QRP-Plus Discounts
Message-Id: <51950214004015/0005512847NA2EM@MCIMAIL.COM>

Let's not fool ourselves - Index Labs is in business for profit - that is what they do for a living. We practise Ham Radio as an avocation.

While we may see slim margins in a perceived high discount sale they may not.

Banks look at the bottom line AND Revenues. If we can help turn the guy into a \$100K or \$1M business that is fine.

Ofcourse, if the guy gets himself into a position that he isn't covering atleast his margins, cost and operating, he could get into trouble. The point is that who's responsibility is that US the customer or the business owner. If this guy wants to move 20 right away rather than wait a long while or never for those twenty customers that is his prerogative. While he may appreciate the kind thoughts about operating his business - I think he might feel a little insulted.

I do not think Jeff was putting a squeeze on the guy at all. He was just making it a little more attractive for us to get a unit - possibly removing some small logs jams from us.

To the gent who said that most of those guys would buy at \$595 - I disagree - or if those 20 that signed up with Jeff - I do not think they would have bought all at once.

Bottom line: There are tremendous cash flow advantages for this guy to give a discount for 20 or more simultaneous orders. Please do not make those who want to seek out an attractive solution for all feel badly.

From owner-qrp-1@netcom.com Tue Feb 14 23:48:20 1995

Date: Tue, 14 Feb 1995 17:04:54 -0500 (EST)

From: Jim Stafford-W4Q0 <w4qo@america.net>

Subject: Re: QRP-Plus Discounts

Message-Id: <Pine.SV4.3.91.950214170205.6858H-100000@atl11.america.net>

I wanted one but had no intentions of buying one at least in the foreseeable<??> future until this offer came along. Now I have the fever and can't wait! Thank goodness for free enterprise! de Jim, W4Q0, Atlanta

See you all in Atlanta at HamRadio 95 and the NorCal sponsored QRP forum Saturday April 8 at 3 PM. No mud, no rain, just dogwoods!

From owner-qrp-1@netcom.com Wed Feb 15 03:20:25 1995

Date: Tue, 14 Feb 1995 15:29:39 -0500 (EST)

From: Morbius <morbius@gate.net>

Subject: Re: QRP-Plus Discounts

Message-Id: <Pine.A32.3.91.950214152306.73787A-100000@seminole.gate.net>

Bob, I agree with you. I would not have agreed to buy the QRP+ without the discount. I already have three qrp rigs. I am buying the QRP+ only because of price. Index labs knows their business better than we do. We should never put ourselves in the position of making business decisions for them.

Regards, Vic

From owner-qrp-1@netcom.com Tue Feb 14 16:16:35 1995
From: RobCap@aol.com
Date: Tue, 14 Feb 1995 13:35:39 -0500
Message-Id: <950214133348_21304212@aol.com>
Subject: Query

Chuck-

Could you tell me to the best of your knowledge a) what is the 20 meter miles/watt record, and b) what is the overall record for miles/watt on any band?

I have a team of people assembling at my station on Saturday, and we would like to have this info as background. I had a *very good* session last weekend, and I have a sked with a station to try to push my personal best contact.

73,

Rob, WA3ULH

From owner-qrp-1@netcom.com Tue Feb 14 13:04:09 1995
Date: Tue, 14 Feb 1995 07:44:37 -0500 (EST)
From: prvalko <prvalko@vela.acs.oakland.edu>
Subject: Re: RF Power Measurements
Message-Id: <Pine.3.89.9502140716.A9968-0100000@saturn.acs.oakland.edu>

On Mon, 13 Feb 1995 gmarcus@redstone-emh2.army.mil wrote:

> The Bird wattmeter's accuracy is specified as
> +/- 5% of full scale (if my memory serves me correctly). The measurement
> uncertainty when using the 50 watt scale is therefore +/- 2.5 watts
> throughout the measurement range. When attempting to measure 5 watts on this
> range our measurement uncertainty is 5 watts +/- 2.5 watts or +/- 50%.
> The most accurate measurements are made using the upper portion of the scale.
>

Anybody but me see a red flag here? I have always thought the EXACT

opposite were true. The most accurate readings were AT the LOWER end of the meter. That's why they give you the full scale error in the first place, so that you know the WORSE CASE possibility. Comments?

73 ! =paul= wb8zjl

From owner-qrp-1@netcom.com Tue Feb 14 22:55:52 1995
Date: Tue, 14 Feb 1995 10:44:43 -0800 (PST)
From: Steven Wilson <randyw@crl.com>
Subject: Re: RF Power Measurements
Message-Id: <Pine.SUN.3.91.950214104120.4758A-100000@crl11.crl.com>

> >
> Anybody but me see a red flag here? I have always thought the EXACT
> opposite were true. The most accurate readings were AT the LOWER end of
> the meter. That's why they give you the full scale error in the first
> place, so that you know the WORSE CASE possibility. Comments?

>
> 73 ! =paul= wb8zjl

>
>
Sorry Paul, but the most accurate readings are UPPER end of the scale. When an instrument is spec 5%. It is 5% of full scale reading. Take it from an old hand who got a start in a Navy cal lab.

73 de stan AK0B

From owner-qrp-1@netcom.com Tue Feb 14 15:14:30 1995
From: RobCap@aol.com
Date: Tue, 14 Feb 1995 13:34:55 -0500
Message-Id: <950214132931_21304932@aol.com>
Subject: Sierra is Working

Have completed building my Sierra modified with 10 custom features. So, for anyone interested, here is the final feature list. By the way, there is still *Plenty* of extra room inside, so please send me mail to tell me what I'm missing. Serious suggestions only (hi).

With all of these features, the Sierra weighs in at only 2 lbs, 3 oz; and draws 38 mA on receive, with marker generator and LED turned off. Here's the WA3ULH *TOP TEN WAYS TO MODIFY YOUR SIERRA*:

10) Rear Panel Mounted Fuse

9) Rear panel pot for changing power output to QRPP. Goes down to about 20 mA, and preserves a very nice waveform shape at 20 mA.

- 8) Rear panel switch attenuator for going to microwatts. 4 switches, each with a divide by 10 level of attenuation.
- 7) Miniature LED Lamp behind tuning dial (switchable on/off). Draws 20 mA when turned on.
- 6) Frequency Marker Generator from the ARRL handbook (Also switchable on/off). Draws 70 mA when turned on, but is only used for brief spots.
- 5) CMOS Logikeyer II, which is on all of the time. Sidetone hooked into headphones and speaker.
- 4) Built-in 2.25-inch 8 ohm speaker. Mounted vertically in the left rear of the unit. Fancy pattern of holes drilled in Sierra case.
- 3) Swapped PL-259 for the standard BNC antenna connector.
- 2) Integrated Brass Racer paddle works underneath the rig. Cables run internal to rig.
- 1) RIT modification. Piggybacked a 47K resistor on RIT range resistor, increasing range from +/- 2 Khz to +/- 3.5 Khz. Enables split frequency DX work, with no loss of VFO stability.

I have also been playing around with the notion of adding a little incandescent light, switchable on/off, that would illuminate the *table* (i.e. coming out of the bottom of the Sierra) for logging purposes during a contest. (Weird, huh?)

Unit remains natural brushed aluminum.

72,

Rob, WA3ULH

From owner-qrp-1@netcom.com Tue Feb 14 21:51:26 1995
Message-Id: <9502142140.AA23524@us1rmc.bb.dec.com>
Date: Tue, 14 Feb 95 16:40:23 EST
From: Bill Acito 14-Feb-1995 1636 <acito@asdg.enet.dec.com>
Subject: re: Sierra is Working

|I have also been playing around with the notion of adding a little
|incandescent light, switchable on/off, that would illuminate the *table*
|(i.e. coming out of the bottom of the Sierra) for logging purposes during a
|contest. (Weird, huh?)

Much better idea... a converter/step-up configuration so you can install some of those nifty purple neon lights I see on the bottom of cars... that, plus the 'California' paint job I heard suggested last week... :-)

b

KC1GS/qrp QRP-NE #260

. - I own my own words -

Bill Acito
acito@asdg.enet.dec.com

|d|i|g|i|t|a|l|
Hudson, MA

From owner-qrp-1@netcom.com Wed Feb 15 01:07:38 1995
Message-Id: <9502150045.AA21245@interval.interval.com>
Date: Tue, 14 Feb 1995 16:47:05 -0800
From: burdick@interval.com (Wayne Burdick)
Subject: Re: Sierra is Working

Rob, congrats on getting the Sierra running and on your great accessories list. A couple of comments:

>10) Rear Panel Mounted Fuse

I'd be surprised if you ever need this, given the short-circuit protection diode!

>7) Miniature LED Lamp behind tuning dial (switchable on/off). Draws 20 mA >when turned on.

Did you know you can get so-called High-Efficiency LEDs that draw about one fifth as much for the same light output? There are even "UltraBrights" that draw still less (but in red only as far as I know).

>3) Swapped PL-259 for the standard BNC antenna connector.

How did you do this without losing some rear-panel stability? Did you find a PC-mount PL-259?

73,
Wayne

From owner-qrp-1@netcom.com Tue Feb 14 07:18:43 1995
From: RRives@aol.com
Date: Fri, 10 Feb 1995 23:53:34 -0500
Message-Id: <950210235331_18519351@aol.com>
Subject: Tnx For Info on QRP- PLUS

Tnx everyone who sent me mail on the qrp plus rig

From owner-qrp-1@netcom.com Tue Feb 14 17:09:07 1995
From: Jack Ponton <jwp@chemeng.ed.ac.uk>
Date: Tue, 14 Feb 1995 20:35:23 GMT
Message-Id: <199502142035.UAA17358@aith.chemeng.ed.ac.uk>
Subject: unsubscribe

unsubscribe

From owner-qrp-1@netcom.com Tue Feb 14 18:52:30 1995
From: PDouglas12@aol.com
Date: Tue, 14 Feb 1995 17:29:26 -0500
Message-Id: <950214171009_21492933@aol.com>
Subject: Who's going to Dayton?

Well, I don't know what came over me, but I just committed to go to Dayton (not driving after all). Last time was '89, and I am psyched. Any others from the list going? I will be at the Marriot, but will get to the QRP activities, if I ever find out where they are! Does anyone on the list have the QRP activity data (dinners, hospitality suite etc. -- where are they?) Sorry to fill the non Dayton-going screens with this, but, respectfully, eat your hearts out! 72 and 73 Preston WJ2V